

**City of Lowell**  
**Job Description**  
**Please Post: February 4, 2014**  
**Deadline: February 18, 2014**  
**Wastewater Treatment Plant**  
**Engineering Intern**  
**Part-time / Temporary**

**Job Title:** Engineering Intern - Part time / Temporary (2500, 1978)  
**Department:** Wastewater Treatment Plant  
**Reports To:** Executive Director; Designated personnel  
**Salary:** \$13.00 (min) to \$13.00 (max) per hour - 19 hours per week.

**SUMMARY**

The Lowell Regional Wastewater Utility (LRWWU) is seeking an engineering intern. The successful candidate will be an undergraduate or graduate engineering student who is interested in working as an engineer in the wastewater treatment industry. This is a part-time position (19 hrs per week) working a maximum 4-8 hours per day.

No benefits are available with this internship; ***US Citizenship is required.*** Intern will support a staff engineer in the Engineering Division. Duties will include plan drawing, engineering calculations, field assessment, data management, and other miscellaneous tasks.

**QUALIFICATIONS**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**EDUCATION and/or EXPERIENCE**

Must be college student (graduate or undergraduate) who is making satisfactory progress towards obtaining a degree in civil engineering.

**CERTIFICATIONS, LICENSES, AND REGISTRATIONS**

Valid motor vehicle license is desirable.

**LANGUAGE SKILLS**

Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to write routine reports and correspondence. Ability to speak effectively before groups of customers or employees of organization.

**MATHEMATICAL SKILLS**

Ability to work with mathematical concepts such as probability and statistical inference, and fundamentals of plane and solid geometry and trigonometry. Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.

### **COMPUTER SKILLS**

Ability to utilize computer programs such as *Word*, *Excel*, *PowerPoint*, and *Access*. Ability to create tables, charts, and spreadsheets and facilitate with email messaging.

### **REASONING ABILITY**

Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagram form. Ability to deal with problems involving several concrete variables in standardized situations.

### **PHYSICAL DEMANDS**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to stand; walk; sit; use hands to finger, handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; talk or hear; and taste or smell. The employee must occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

### **WORK ENVIRONMENT**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is occasionally exposed to wet and/or humid conditions, moving mechanical parts, fumes or airborne particles, toxic or caustic chemicals, outside weather conditions, risk of electrical shock (outlets), and vibration. The noise level in the work environment is usually moderate.

**The City of Lowell is a smoke and drug free employer and requires a physical with drug screen and CORI, post offer.**

***Qualified individuals send resume and/or application to the Human Relations Office, RM 19 - City Hall, Lowell, MA 01852 by 4:00 PM: Deadline ~ February 18, 2014. Applicants may also send resume and /or application to fax 978-446-7102 or to [cityjobs@lowellma.gov](mailto:cityjobs@lowellma.gov)***

***EOE/AA/504 Employer***